15

## What is Claimed is:

- 1. A method of maintaining cells in a selected redox state comprising contacting cells with a redox clamping agent which maintains the cells in a selected redox state.
- 2. A method of sensitizing selected cells to a chemotherapeutic agent known to induce a stress response in cells comprising contacting selected cells with a chemotherapeutic agent (known to induce a stress response in cells in combination with a redox clamping agent.
  - 3. A method of treating cancer in a patient comprising administering to a patient a chemotherapeutic agent known to induce a stress response in cancer cells in combination with a redox clamping agent.
  - 4. A method of inhibiting hyperproliferation of cells comprising contacting cells with a redox clamping agent so that the cells are maintained in a redox state that is not consistent with cell proliferation.
- 5. A method of stabilizing the redox state of cells with abnormal fluctuations in their redox state comprising contacting cells with a redox clamping agent which maintains the cells in a selected redox state.